

IN THE SPECIFICATION

Please amend the paragraph at page 2, lines 10-18, as follows:

Technical Document 4 (European Patent Publication No. 0555645, Description) discloses a dental caries detecting device that irradiates a tooth with an ultraviolet beam in the range from 360 nm to 580 nm and measures fluorescence not less than 620 ~~[[mn]]~~ nm from the tooth. The device measures only red fluorescence specific to a dental caries area and does not detect oral bacteria as in Technical Document 1. The device according to Technical Document 4 is however directed to measuring only red fluorescence whose intensity is low, which is not sufficient for detecting the presence/absence of dental caries and is liable to the effect of the measurement environment such as the effect of external light. This lowers the detection sensitivity.

Please amend the paragraph at page 6, lines 27-29, as follows:

The data analysis portion 4 divides fluorescence data into data pieces in two or more wavelength bands in the visible light range, and can ~~analyzes~~ analyze the data pieces based on the fluorescence intensities in the respective wavelength bands.